

INSTRUCTIONS
FORM F23
LANDFILLS

Department of Environmental Quality
Division of Air Quality
150 N. 1950 W.
Salt Lake City, UT 84116
Telephone (801) 536-4000

Form 23 is required to be submitted by landfills containing and accepting household waste. One form should be complete for each separate landfill.

DEFINITIONS

Estimate Code	Emission estimate method codes required by EPA for reporting purposes. A valid method code of quantifying actual emissions is required whenever an emission estimate appears on the form. The valid method codes are listed in Table 5 of the General Instructions. These are the only codes which will be accepted.
Modification	An increase in the landfill size or capacity.
NMOC	Nonmethane organic compounds.

DATA REQUESTED

Landfill Name	Indicate the name of the landfill associated with the listed emissions.
Amount of refuse in place	Enter an estimate of the amount of refuse in place as of December 31st. Also, include the approximate amount of refuse which was received during the calendar year
Modification	Indicate a change in the size or capacity of the landfill.
Total NMOC emissions	Indicate the estimate of NMOC emissions from the landfill during the calendar year. If values other than those in AP-42 are used to calculate the emissions, include them. Also include the estimate code from Table 6 in the General Instructions and any test results and test protocol that the values were derived from. Attach any calculations or model runs which were used to figure these emissions.
Signature	Responsible official that has personally examined and is familiar with the submitted information and believes the information to be true, accurate and complete.

NOTE: Form F1 (Hazardous Air Pollutants-HAPs) must be also be included in the submittal. The EPA computer model "Landfill" can estimate the emissions of HAPs.

CALCULATIONS

In general, landfill owners and operators have several options to calculate the emissions for this report:

The equation used to calculate NMOC emissions from landfills can be found in the 40 CFR, Part 60, Subpart WWW. However, the U.S. Environmental Protection Agency has also developed a computer model to estimate the landfill NMOC emissions. The model is available in DOS or Windows versions under the title "Landfill Gas Emissions Model v2.01". This program is available from the EPA Technology Transfer Network (TTN):

<http://www.epa.gov/ttn/chief/software/>. If using this model to estimate the actual emissions for this report, the CAA default values should be used in the model for field number 4.